

# Converting Colors

CIELCh(65, 27.245, 348.323)

Have a look what the booklet for  
CIELCh(65, 27.245, 348.323)  
contains.

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# Color

**CIELCh(65, 26.975, 348.855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C88DA8
RGB	200, 141, 168
RGB Percent	78%, 55%, 66%
CMY	0.2166, 0.4479, 0.3421
CMYK	0.00, 0.30, 0.16, 0.22
HSL	333°, 35%, 67%
HSV	333°, 30%, 78%
XYZ	40.2921, 34.0472, 41.3808
YIQ	161.7190, 26.4970, 20.9050

# Conversions

## Conversions Part 2

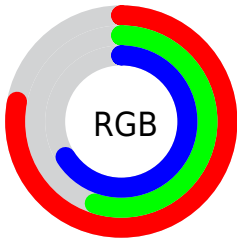
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 141, 168
Decimal	13143464
CIE <sub>Lab</sub>	65.00, 26.47, -5.21
CIE <sub>LCh</sub>	65, 26.975, 348.855
Yxy	34.0472, 0.3482, 0.2942
Android (android.graphics.Color)	4291333544 (0xFFC88DA8)
YUV	161.7190, 3.0965, 33.5724
Hunter-Lab	58.3500, 21.1462, -1.2025

# Details

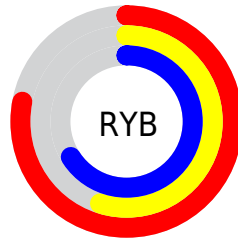
The CIELCh color  $65, 26.975, 348.855$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $76, 25.794, 163.211$ , and the grayscale version is  $66, 0.008, 296.813$ .

A 20% lighter version of the original color is  $85, 26.245, 347.688$ , and  $45, 26.959, 348.862$  is the 20% darker color. If you saturate the color by 10%, you get  $60, 36.170, 350.115$ , and if you desaturate by 10%, it is  $70, 17.695, 347.760$ .

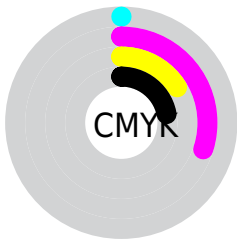
# Distribution



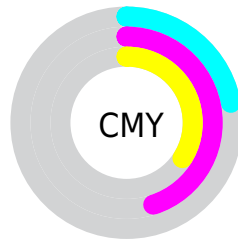
- Red (78%)
- Green (55%)
- Blue (66%)



- Red (78%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (22%)




- Cyan (22%)
- Magenta (45%)
- Yellow (34%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.975, 348.855 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 26.975, 348.855 by changing the saturation by 10% instead.





 65, 26.975,  
348.855


 65, 26.975,  
348.855


 100, 26.975,  
348.855


 55, 26.975,  
348.855


 85, 26.975,  
348.855

 45, 26.975,  
348.855

 95, 26.975,  
348.855

 35, 26.975,  
348.855

 25, 26.975,  
348.855

 15, 26.975,  
348.855

 5, 26.975, 348.855

 0, 26.975, 348.855

65, 26.975,  
348.855

65, 26.975,  
348.855

60, 36.170,  
350.115

70, 17.695,  
347.760

56, 45.000,  
351.593

75, 8.529, 346.773

52, 53.072,  
353.374

81, 0.412, 166.983

86, 9.066, 165.228

48, 59.923,  
355.575

92, 17.410,  
164.495

46, 65.117,  
358.346


96, 22.275,  
167.231

44, 68.409, 1.859

96, 19.593,  
180.791

43, 70.161, 6.141

96, 18.205,  
197.392

 96, 18.175,  
198.303

# Harmonies

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 26.975, 348.855



76, 25.794, 163.211

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 26.975, 348.855



65, 26.975, 38.855



65, 26.975, 168.855



65, 26.975, 218.855

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 26.972, 348.857



94, 9.820, 346.735



63, 34.867, 311.598



49, 6.837, 346.877



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 26.972, 348.857



78, 39.057, 349.586



65, 23.434, 24.332



39, 5.059, 346.759



35, 60.468, 5.584



4, 17.475, 355.536



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65, 26.972, 348.857



78, 39.057, 349.586



76, 19.104, 201.205



39, 5.059, 346.759



35, 60.468, 5.584



4, 17.475, 355.536



# Previews

## White Background



This preview shows how the CIELCh color 65, 26.975, 348.855 looks on a white background.

## Color Contrast Check

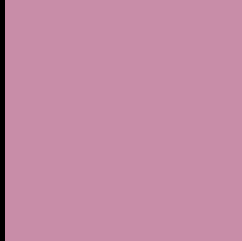
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIELCh color 65, 26.975, 348.855 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

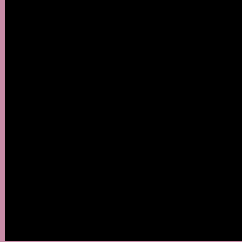
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 65, 26.975, 348.855

## Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.975, 348.855.



This preview shows how white text looks on a background with the CIELCh color 65, 26.975, 348.855.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

65, 26.975, 348.855

### Protanopia

65, 11.684, 287.873

### Deuteranopia

65, 9.327, 334.686





**Tritanopia**  
65, 22.581, 6.259

# Trichromacy



**Original Color**  
65, 26.975, 348.855

**Protanomaly**  
65, 14.874, 321.449

**Deuteranomaly**  
65, 15.467, 343.455

**Tritanomaly**  
65, 24.132, 359.196

# Monochromacy



**Original Color**  
65, 26.975, 348.855

**Achromatopsia**  
66, 0.008, 296.813

**Achromatomaly**  
66, 9.503, 348.715

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 65, 26.975, 348.855 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(200, 141, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 141, 168) }
```

## Border

The CSS property to change the border of an element to CIELCh 65, 26.975, 348.855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 141, 168) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 141, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(200, 141,  
168) }
```

# Background

The CSS property to change the background color of an element to CIELCh 65, 26.975, 348.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 141, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
141, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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